

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO. : 7668312 B2  
APPLICATION NO. : 10/552,384  
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INVENTOR(S) : **Lecomte , et al.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted to be replaced with the attached title page.

Please insert the attached "Figure" as the sole drawing of the application.



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(12) **United States Patent**  
**Lecomte et al.**

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(54) **SCRAMBLING, DESCRAMBLING AND  
 SECURE DISTRIBUTION OF AUDIO-VISUAL  
 SEQUENCES FROM VIDEO ENCODERS  
 BASED ON WAVELET PROCESSING**

(76) Inventors: **Daniel Lecomte**, 157 rue de la Pompe,  
 F-75116 Paris (FR); **Jerome Caporossi**,  
 7 rue du 8 mai 1945, F-92340  
 Bourg-la-Reine (FR)

(\*) Notice: Subject to any disclaimer, the term of this  
 patent is extended or adjusted under 35  
 U.S.C. 154(b) by 556 days.

This patent is subject to a terminal dis-  
 claimer.

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**G06F 9/00** (2006.01)

(52) **U.S. Cl.** ..... **380/210; 382/100; 382/232;**  
**725/32**

(58) **Field of Classification Search** ..... **None**

See application file for complete search history.

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*Primary Examiner*—Kaveh Abrishamkar

(74) *Attorney, Agent, or Firm*—Connolly Bove Lodge & Hutz  
 LLP

(57) **ABSTRACT**

A process for secured distribution of video sequences accord-  
 ing to a digital stream format stemming from an encoding  
 based on a processing by wavelets including frames including  
 blocks containing coefficients of wavelets describing the  
 visual elements, including analyzing the stream prior to trans-  
 mission to client equipment to generate a modified main  
 stream by deletion and replacement of selected information  
 coding the original stream and having the format of the origi-  
 nal stream, and complementary information of any format  
 comprising the digital information coding the original stream  
 and suitable for permitting reconstruction of the modified  
 frames; and transmitting the modified main stream and the  
 complementary information separately from a server to  
 addressed equipment.

**64 Claims, 13 Drawings**

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